

Abstract

METHOD AND SYSTEM FOR PROVIDING POWER AND SIGNALS IN AN
AUDIO/VIDEO SECURITY SYSTEM

5 The invention provides a system and method for processing one or more
audio/video sources for connection to a video monitor and speaker, utilizing a single
coaxial cable between each remotely located audio/video source and a processing means.
It provides a simultaneous or sequential display of one or more remotely located video
sources and annunciation of one or more remotely located audio sources. The processing
10 means and the audio/video sources include a splitter and combiner to separate and
combine, respectively, an audio/video modulated carrier from DC power. The processing
means and the video source may contain a switch for selecting power from the coaxial
cable or from a local power source. By requiring only a single coaxial cable between each
video source and the processing means, cable installation is greatly simplified.

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